

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/07766

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D263/06 C07D317/34 C07D498/04 C11D1/66 C11D1/83
C11D3/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D C11D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 909 460 A (MCCOY DAVID ROSS) 30 September 1975 (1975-09-30) column 1 examples	1-19
X	WO 94/12489 A (UNILEVER PLC ; UNILEVER NV (NL)) 9 June 1994 (1994-06-09) claims examples	1-19
X	DE 22 42 541 A (HENKEL & CIE GMBH) 7 March 1974 (1974-03-07) page 1 page 6; examples S1, S2	1-19
X	EP 0 012 543 A (ICI PLC) 25 June 1980 (1980-06-25) page 3, line 18 - page 4, line 4	1-19
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

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 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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Date of the actual completion of the international search

5 November 2003

Date of mailing of the international search report

14 JAN 2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	EP 1 229 127 A (CONSORTIUM ELEKTROCHEM IND). 7 August 2002 (2002-08-07) page 9; examples 5,6,8 -----	1-11
X	US 4 379 754 A (BODEN RICHARD M) 12 April 1983 (1983-04-12) column 1 - column 7 page 25 - page 27; table 1 -----	1-11
X	PETASIS, N A; LU, S-P: "New stereocontrolled synthesis of substituted tetrahydrofurans from 1,3-dioxolan-4-ones" JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, vol. 117, 1995, pages 6394-6395, XP002260319 examples 3b-3d; table 1 -----	1-11
X	JP 01 045657 A (CANON INC) 20 February 1989 (1989-02-20) page 8; examples P2,P4 -----	1-11
X	DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; 1988; XP002260322 Database accession no. CAS-NR 4359-47-1 abstract & ASTLE ET AL.: IND. ENG. CHEM., vol. 46, 1954, pages 787-788; -----	1-11
X	DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; 1988; XP002260323 Database accession no. CAS RN 6290-20-6 abstract & LOCHERT: ANN. CHIM. PARIS, vol. 6, 1889, page 48, -----	1-11
A	DE 38 03 656 A (HENKEL KGAA) 17 August 1989 (1989-08-17) claims 1,5 page 1, lines 35,36 -----	1-19

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/07766

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 1045657	A	20-02-1989	NONE	
DE 3803656	A	17-08-1989	DE 3803656 A1	17-08-1989